



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

7540

2153

Palmer

SSC

9200

10.38 C3

2153

SSC

9200

10.38 C3

2153

7590

06/09/2003

David B Cochran Esq
Jones Day Reavis & Pogue
North Point
901 Lakeside Avenue
Cleveland, OH 44114

RECEIVED

EXAMINER

JUN 19 2003

EDELMAN, BRADLEY E

Technology Center 2100

ART UNIT

CLASS-SUBCLASS

2153

709-200000

DATE MAILED: 06/09/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/545,962	04/10/2000	Harry Major	555255012125	3247

TITLE OF INVENTION: NOTIFICATION SYSTEM AND METHOD FOR A MOBILE DATA COMMUNICATION DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$0	\$1300	09/09/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

Applicant claims SMALL ENTITY status.
See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

9200

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail** Mail Stop ISSUE FEE
Commissioner for Patents
Alexandria, Virginia 22313-1450
Fax (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark up with any corrections or use Block 1)
 7590 06/09/2003

David B Cochran Esq
 Jones Day Reavis & Pogue
 North Point
 901 Lakeside Avenue
 Cleveland, OH 44114

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
 I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below.

(Depositor's name)
 (Signature)
 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/545,962	04/10/2000	Harry Major	555255012125	3247

TITLE OF INVENTION: NOTIFICATION SYSTEM AND METHOD FOR A MOBILE DATA COMMUNICATION DEVICE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1300	\$0	\$1300	09/09/2003

EXAMINER	ART UNIT	CLASS-SUBCLASS
EDELMAN, BRADLEY E	2153	709-200000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
 "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____
 2 _____
 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) individual corporation or other private group entity government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

Issue Fee
 Publication Fee
 Advance Order - # of Copies _____

A check in the amount of the fee(s) is enclosed.
 Payment by credit card. Form PTO-2038 is attached.
 The Commissioner is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

(Date)

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMIT THIS FORM WITH FEE(S)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/545,962	04/10/2000	Harry Major	555255012125	3247
7590	06/09/2003		EXAMINER	
David B Cochran Esq Jones Day Reavis & Pogue North Point 901 Lakeside Avenue Cleveland, OH 44114 UNITED STATES				EDELMAN, BRADLEY E
		ART UNIT		PAPER NUMBER
		2153		DATE MAILED: 06/09/2003

Determination of Patent Term Extension under 35 U.S.C. 154 (b) (application filed after June 7, 1995 but prior to May 29, 2000)

The patent term extension is 0 days. Any patent to issue from the above identified application will include an indication of the 0 day extension on the front page.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (<http://pair.uspto.gov>)

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/545,962	04/10/2000	Harry Major	555255012125	3247
7590	06/09/2003		EXAMINER	
David B Cochran Esq Jones Day Reavis & Pogue North Point 901 Lakeside Avenue Cleveland, OH 44114 UNITED STATES				EDELMAN, BRADLEY E
		ART UNIT		PAPER NUMBER
		2153		DATE MAILED: 06/09/2003

Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003: Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: <http://www.uspto.gov/main/howtofees.htm>.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

Notice of Allowability	Application No.	Applicant(s)
	09/545,962	MAJOR ET AL
	Examiner	Art Unit
	Bradley Edelman	2153

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. This communication is responsive to applicant's amendment filed on 4/10/02.
2. The allowed claim(s) is/are 23-30, now renumbered 1-8.
3. The drawings filed on 09 April 2001 are accepted by the Examiner.
4. Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) All
 - b) Some*
 - c) None
 1. Certified copies of the priority documents have been received.
 2. Certified copies of the priority documents have been received in Application No. _____.
 3. Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

5. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
 - (a) The translation of the foreign language provisional application has been received.
6. Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE

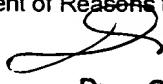
7. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. CORRECTED DRAWINGS must be submitted.
 - (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached 1) hereto or 2) to Paper No. _____.
 - (b) including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.

9. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1 <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)	2 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)
3 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)	4 <input type="checkbox"/> Interview Summary (PTO-413), Paper No. _____.
5 <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449), Paper No. <u>24,26-28</u>	6 <input type="checkbox"/> Examiner's Amendment/Comment
7 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material	8 <input type="checkbox"/> Examiner's Statement of Reasons for Allowance
	9 <input type="checkbox"/> Other


Dung C. Dinh
Primary Examiner

Claims 23-30 are allowed for the reasons set forth by Applicant in Applicant's response filed on April 10, 2002.

Notice of References Cited

Application/Control No.

09/545,962

Applicant(s)/Patent Under

Reexamination

MAJOR ET AL.

Examiner

Bradley Edelman

Art Unit

2153

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification	
	A	US-5705995	01-1998	Laflin et al.	340	7.59
	B	US-5978689	11-1999	Tuoriniemi et al.	455	569
	C	US-6157318	12-2000	Minata	340	7.58
	D	US-6178331	01-2001	Holmes et al.	455	466
	E	US-5815081	09-1998	Motohashi	340	7.58
	F	US-6311282	10-2001	Nelson et al.	713	324
	G	US-6078826	06-2000	Croft et al.	455	574
	H	US-5969636	10-1999	Parvulescu et al.	340	7.53
	I	US-5796806	08-1998	Birckbichler	379	88.2
	J	US-5604491	02-1997	Coonley et al.	340	7.59
	K	US-5307059	04-1994	Connary et al.	340	7.62
	L	US-4438433	03-1984	Smoot et al.	340	7.59
	M	US-				

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

* Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)

	U	
	V	
	W	
	X	

A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



FORM PTO-1449 (Modified)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

Atty Docket No.: 555255012125

Serial No.: 09/545,962

Applicant(s): Harry Major; Krishna K. Pathiyal; Gary Mousseau; Mihai Lazaridis

Filing Date: April 10, 2000

Group: 2756

U.S. PATENT DOCUMENTS

Exam. Init.	Patent Number							Issue Date	Patentee	Class	Subclass	Filing Date
BE	5	4	1	6	4	7	3	05/16/95	Dulaney, III et al.			
	5	7	9	0	9	7	4	08/04/98	Tognazzini			
	5	8	1	9	2	8	4	10/06/98	Farber et al.			
	5	9	9	5	5	9	7	11/30/99	Woltz et al.			
	6	0	2	3	7	0	0	02/08/00	Owens et al.			
↓	6	0	5	2	5	6	3	04/18/00	Macko			

TECH CENTER 2700
AUG 18 2000
RECEIVED

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam. Init.	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
						Yes	No
BE	0 7 7 2 3 2 7	02/17/99	Europe				
	0 7 7 2 3 2 7	05/07/97	Europe				
↓	9 7 3 3 4 2 1	09/12/97	WO				

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant pages, Place of Publication***)

Examiner *Bradley Edelman*

Date Considered

4/18/01

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

RECEIVED

AUG 3 2000

FORM PTO-1449 (Modified)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))



Atty Docket No.: 555255012125

Serial No.: 09/545,962

Group 2700

Applicant(s): Harry Major; Krishna K. Pathiyal; Gary Mousseau; Mihai Lazaridis

Filing Date: April 10, 2000

Group: 2756

U.S. PATENT DOCUMENTS

Exam. Init.		Patent Number							Issue Date	Patentee	Class	Subclass	Filing Date
BE		5	4	3	6	9	6	0	07/25/95	Campana, Jr. et al.			
		5	4	3	8	6	1	1	08/01/95	Campana, Jr. et al.			
		5	4	7	9	4	7	2	12/26/95	Campana, Jr. et al.			
		5	6	2	5	6	7	0	04/29/97	Campana, Jr. et al.			
		5	6	4	1	9	4	6	05/20/97	Campana, Jr. et al.			
		5	8	1	9	1	7	2	10/06/98	Campana, Jr. et al.			
		5	3	9	2	3	9	0	02/21/95	Crozier			
		5	6	6	6	5	5	3	09/09/97	Crozier			
		5	4	9	5	4	8	4	02/27/96	Self et al.			
		5	6	0	3	0	5	4	02/11/97	Theimer et al.			
		5	6	7	3	3	2	2	09/30/97	Pepe, et al.			
		5	7	3	7	5	3	1	04/07/98	Ehley			
		5	7	5	4	9	5	4	05/19/98	Cannon et al.			
		5	3	1	3	5	8	2	05/17/94	Hendel et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam. Init.		Document Number							Publication Date	Country or Patent Office	Class	Subclass	Translation	
		9	7	4	1	6	5	4	11/06/97	WO			Yes	No
BE		9	7	3	2	2	5	1	09/04/97	WO				
		9	7	3	3	4	2	1	09/12/97	WO				
		9	6	1	9	0	6	4	06/20/96	WO				
		9	7	4	4	9	4	2	11/27/97	WO				
		9	8	2	3	1	0	8	05/28/98	WO				

OTHER DOCUMENT		including Author, Title, Date**, Relevant pages, Place, and Publication***)
RE	Copy of DTS Wireless Website located at D.R.L. http://www.dtswireless.com	
RE	"3Com PalmPilot Gets Wireless Link for E-Mail", Spooner, John G., PC Week, December 8, 1997	
RE	"Have Your Pager Call My Pager", Sullivan, Kristina B., PC Week, December 8, 1997	
Examiner	Bradley Edelman	Date Considered 4/18/01
Group 2700		
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		



01/545962

FORM PTO-1449 (Modified)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))



Atty Docket No.: 555255012125

Serial No.: 09/545,962

Applicant(s): Harry Major; Krishna K. Pathiyal; Gary Mousseau; Mihal Lazaridis

Filing Date: April 10, 2000

Group: 2756

RECEIVED

FEB 14 2001

U.S. PATENT DOCUMENTS

Technology Center 2100

Exam. Init.		Patent Number							Issue Date	Patentee	Class	Subclass	Filing Date
BE		6	0	0	6	2	7	4	12/21/1999	Hawkins et al.			
BE		6	0	3	4	6	2	1	03/07/2000	Kaufman			
BE		5	7	2	7	2	0	2	03/10/1998	Kucala			
BE		6	0	0	0	0	0	0	12/07/1999	Hawkins et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam. Init.		Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant pages, Place of Publication***)

BE Feibus, "A Desktop In Your Palm", Informationweek, Aug. 25, 1997, pages 65ff.

BE Behr, "Handheld Solutions", Informationweek, Oct. 27, 1997, pages 106-113.

Examiner Bradley Edelman Date Considered 4/18/01

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 (Modified)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

(37 CFR 1.98(b))

Atty Docket No.: 555255012125

Application No.: 09/545,962

Applicant:: Major et al.

Filed: April 10, 2008

Group: 2153

RECEIVED
JUL 25 2001
Technology Center 2100

U.S. PATENT DOCUMENTS

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam. Init.		Document Number	Publication Date of the Grant	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
DE		9 9 1 7 5 0 5	04/08/1999	WO				
BE		9 9 6 3 7 0 9	12/09/1999	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Relevant pages, Place of Publication***)**

BE Briere, Daniel, et al., "One Mailbox, Just Like Old Times," Network World, vol. 14, issue 16, p.21 (April 21, 1997)

Examiner Bradley Goldstein

Date Considered 11/13/01

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 (Modified)
U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

(37 CFR 1.98(b))

Atty Docket No.: 555255012125

Application No.: 09/545,962

Applicant: Godfrey et al.

Filed: August 28, 2000

Group: 2153

~~RECEIVED~~

AUG 01 2001

Technology Center 2100

U.S. PATENT DOCUMENTS

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

OTHER DOCUMENTS (Including Author, Title, Date, Relevant pages, Place of Publication***)**

BE Padwick, et al., Special Edition Using Microsoft Outlook 97, 1997, Que Corporation, pp. 250-251, 353-367.

Examiner Bradley Edelman

Date Considered 11/13/01

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 (Modified)
U. S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

(37 CFR 1.98(b))

RECEIVED

Atty Docket No.: 555255012125

Application No.: 09/545,962

AUG 27 2001

Applicant: Major et al.

Technology Center 2100

Filed: April 10, 2003

Group: 2153

U.S. PATENT DOCUMENTS

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

OTHER DOCUMENTS (Including Author, Title, Date, Relevant pages, Place of Publication***)**

Examiner Bradley Edelman

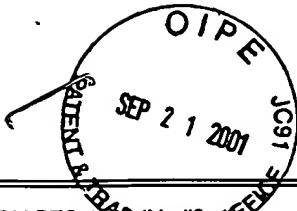
Date Considered 11/13/01

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



RECEIVED

AUG 30 2001



FORM PTO-144 (Modified 4-97)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

(37 CFR 1.98(b))

Atty Docket No.: 555255012125

Application No.: 09/545,962

Applicant: Major et al.

Filed: April 10, 2000

Group: 2153

U.S. PATENT DOCUMENTS

Exam. Init.		Patent Number							Issue Date	Patentee	Class	Subclass	Filing Date
BE		5	4	1	0	5	4	3	04/25/1995	Seitz et al.			
		5	5	7	2	5	2	8	11/05/1996	Shuen			
		5	5	9	8	5	3	6	01/28/1997	Slaughter, III et al.			
		5	6	3	3	8	1	0	05/27/1997	Mandal et al.			
		5	7	5	1	9	7	1	05/12/1998	Dobbins et al.			
		5	7	6	1	4	1	6	06/02/1998	Mandal et al.			
		5	8	1	2	8	1	9	09/22/1998	Rodwin et al.			
		5	8	6	7	6	6	0	02/02/1999	Schmidt et al.			
		5	9	5	3	3	2	2	09/14/1999	Kimball			
		6	0	5	8	4	3	1	05/02/2000	Srisuresh et al.			
		6	0	9	1	9	5	1	07/18/2000	Stumiolo et al.			
		6	1	1	5	3	9	4	09/05/2000	Balachandran et al.			
		6	1	1	5	7	3	6	09/05/2000	Devarakonda et al.			
		6	1	3	0	8	9	2	10/10/2000	Short et al.			
		6	1	4	1	6	9	0	10/31/2000	Weiman			
		6	1	5	7	9	5	0	12/05/2000	Krishman			
		6	2	4	9	8	2	0	06/19/2001	Dobbins et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam. Init.		Document Number	Publication Date of the Grant	Country or Patent Office	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Relevant pages, Place of Publication***)**

BE		News Release, "Motorola Rings in 1995 with the Launch of the Marco® Wireless Communicator," January 4, 1995 (4 pgs.)
		Timeline, "FLEX™ Technology Timeline," (3 pgs.)
		General Magic, Inc., Corporate Backgrounder, 2001 (2 pgs.)
		Pegasus Email Settings, ABSnet Internet Services, Inc. (4 pgs.)
		Motorola, Inc., emailVClient, 2001 (4 pages)
		News Release, "Motorola Announces Pagewriter 250, The World's Smallest Pager with Full Keyboard", February 27, 1997 (2 pgs.)
		Dewey, Barney, "Communications Strategies for Newton 2.0," Newton Technology Journal, pg. 10, June 1996
		Press Release, "Motorola Announces New Solutions to Provide Consumers with Wireless Access to Personal and Enterprise E-mail Accounts," March 21, 2001 (4 pgs.)



BE	<u>"Motorola's 'Marco' Wireless Communicator,"</u> http://www.msu.edu/~luckie/gallery/marco.htm , June 14, 2001 (3 pgs.)
	News Release, "CE Software Announces MobileVision," Editorial Contacts, CE Software, Inc., 1995 (3 pgs.)
	News Release, "CE Software Ships MobileVision," June 20, 1995 (3 pgs.)
	Newton Reference, Communications, 1996-1997(4 pgs.)
	PC Pro Issue 31: Realworld Computing, PDA Column, July 30, 1997 (7 pgs.)
	Enterprise Solutions for Email Overload, Founder Publications, http://www.amikanow.com/corporate/publications.htm , August 6, 2001 (9 pgs.)
	"Motorola's 'Marco' Wireless Communicator," http://www.msu.edu/~luckie/gallery/marco.htm , August 6, 2001 (2 pgs.)
	Press Release, "Apple Agrees to License Newton Technology to Schlumberger, Digital Ocean," November 3, 1995 (3 pgs.)
	Frezza, Bill, "PDA, PDA, Wherefore Art Thou, PDA?", Freewire, August 6, 2001 (6 pgs.)
	Black, Lauren, et al., "Personal Digital Assistants," Macworld Reviews, August 6, 2001 (5 pgs.)
	Reference, "MobileVision Direct Wireless Connection to Your LAN-Based Electronic Mailbox," CE Software, Inc., pgs. 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 1995
	User Manual, "MobileVision Direct Wireless Connection to Your LAN-Based Electronic Mailbox," CE Software, Inc. 1995
	Johnson, David B., "Ubiquitous Mobile Host Internetworking," Fourth Workshop on Workstation Operating Systems, pgs. 85-90, October 14-15, 1993
	Johnson, David B., "Mobile Host Internetworking Using IP Loose Source Routing," School of Computer Science, Carnegie Mellon University, pgs. 1-14 February 1993
	Schoettle, Bob, "IP-Address Management on LANs," Byte, pgs. 199-200, February 1996
	Cheshire, Stuart, et al., "Internet Mobility 4 X 4," Computer Science Department, Stanford University, pgs. 1-12, August 1996
	Yeom, Hoen Y., et al., "IP Multiplexing by Transparent Port-Address Translator," Proceedings of the Tenth USENIX System Administration Conference, pgs. 113-122, September 29- October 4, 1996
	Johnson, David B., "Scalable and Robust Internetwork Routing for Mobile Hosts," IEEE Computer Society, pgs. 2-11, 1994
	Perkins, Charles, "IMHP: A Mobile Host Protocol for the Internet," Computer Networks and ISDN System, vol. 27, pgs. 479-491, 1994
	Proceedings of the IEEE 7th International Workshop on Network and Operating System Support for Digital Audio and Video, Innsbrook Estates Conference Center, May 19-21, 1997, pgs. 135-146
	Lucent Technologies, Bell Labs Technical Journal, Volume 2, Number 3, pgs. 152-163, Summer 1997
	Lavana, Hemang, et al., "Internet-Based Workflows: A Paradigm for Dynamically Reconfigurable Desktop Environments, Group 97, pgs. 204-213, 1997
	Perkins, Charles E., et al., "Mobility Support in IPv6," Mobicom 96, pgs. 27-37, 1996
	Goldszmidt, German, et al., "ShockAbsorber: A TCP Connection Router," IEEE, Volume 3, pgs. 1919-1923, 1997

Examiner <i>Brenda Edelman</i>	Date Considered 11/13/01
-----------------------------------	-----------------------------

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

09545962



U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

(37.CFR 1.98(b))

Atty Docket No.: 555255012125

Application No.: 09/545,962

Applicant: Major et al.

Filed: April 10, 2000

Group: 2153

RECEIVED
Oct 04 2001
Group 2100

U.S. PATENT DOCUMENTS

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

OTHER DOCUMENTS (Including Author, Title, Date, Relevant pages, Place of Publication***)**

Examiner <u>Bradley Polkman</u>	Date Considered <u>11/13/01</u>
---------------------------------	---------------------------------

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))								Atty Docket No.: 555255012125
								Application No.: 09/545,962
								Applicant: Major et al.
								Filed: April 10, 2000
								Group:

RECEIVED
 DEC 20
 Group 2100

U.S. PATENT DOCUMENTS												
Exam. Init.		Patent Number						Issue Date	Patentee	Class	Subclass	Filing Date
BE		5	0	8	6	5	0	2	02/04/1992	Malcolm	1	1
		5	5	8	8	0	0	9	12/24/1996	Will		
		5	7	2	9	7	3	5	03/17/1998	Meyering		
		5	8	1	3	0	1	6	09/22/1998	Sumimoto		
		5	8	2	6	0	6	2	10/20/1998	Fake, Jr. et al.		
		5	8	3	8	9	2	6	11/17/1998	Yamagishi		
		5	8	7	8	4	3	4	03/02/1999	Draper et al.		
		6	1	2	5	2	8	1	09/26/2000	Wells et al.		
		6	1	6	7	3	7	9	12/26/2000	Dean et al.	1	
		6	2	7	2	5	4	5	08/07/2001	Flanagan et al.	1	

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam. Init.		Document Number							Publication Date of the Grant	Country or Patent Office	Class	Subclass	Translation		
													Yes	No	
BE		0	0	0	1	5	5	2	05/24/2001	US			1		
		0	6	1	7	3	7	3	09/28/1994	EP					
		0	7	3	6	9	8	9	10/09/1996	EP					
		0	8	3	8	7	7	4	04/29/1998	EP					
		0	9	3	0	7	6	6	07/21/1999	EP					
		9	8	4	8	5	6	0	10/29/1998	WO					
		9	9	4	5	4	8	4	09/10/1999	WO					

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant pages, Place of Publication***)

--	--	--

Examiner <i>Bradley Goldin</i>	Date Considered 1/23/02
--------------------------------	-------------------------

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 (Modified)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

(37 CFR 1.98(b))

JAN 09 2002

Atty Docket No.: 555255012125

Application No.: 09/545,962

Applicant: Major et al.

Filed: April 10, 2000

Group: 2153

U.S. PATENT DOCUMENTS

RECEIVED

JAN 16 2002

Technology Center 2100

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam. Init.		Document Number							Publication Date of the Grant	Country or Patent Office	Class	Subclass	Translation		
													Yes	No	
DE		0	8	2	5	7	8	8	02/25/1998	EP					
BE		9	7	2	7	7	1	7	07/31/1997	WO					

OTHER DOCUMENTS (Including Author, Title, Date, Relevant pages, Place of Publication***)**

Examiner

Bradley Edilman

Date Considered

1/23/02

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 (Modified)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

(37 CFR 1.98(b))

Atty Docket No.: 555255012125

Application No.: 09/545,962

Applicant: Major et al.

Filed: April 10, 2000

Group: 2153

RECEIVED
JAN 18 2002
Technology Center 2100

U.S. PATENT DOCUMENTS

Exam. Init.		Patent Number							Issue Date	Patentee	Class	Subclass	Filing Date
BE		5	4	9	3	6	9	2	02/20/1996	Theimer et al.			
		5	5	7	9	4	7	2	11/26/1996	Keyworth, II et al.			
		5	6	2	7	8	2	9	05/06/1997	Gleeson et al.			
		5	7	4	2	9	0	5	04/21/1998	Pepe et al.			
		5	7	5	7	9	0	1	05/26/1998	Hiroshige			
		5	7	6	5	1	7	0	06/09/1998	Morikawa			
		5	7	8	1	9	0	1	07/14/1998	Kuzma			
		5	7	9	0	7	9	0	08/04/1998	Smith et al.			
		5	9	0	3	7	2	3	05/11/1999	Beck et al.			
		5	9	7	8	8	3	7	11/02/1999	Foladare et al.			
		6	0	8	5	2	3	2	07/04/2000	Kikinis			
		6	0	9	2	1	1	4	07/18/2000	Shaffer et al.			
		6	0	9	2	1	9	1	07/18/2000	Shimbo et al.			
		6	2	4	0	0	8	8	05/29/2001	Gayton et al.			
		6	2	5	6	6	6	6	07/03/2001	Singhal			
		6	2	7	5	8	4	8	08/14/2001	Arnold			
W		6	2	7	5	8	5	0	08/14/2001	Beyda et al.			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam. Init.		Document Number							Publication Date of the Grant	Country or Patent Office	Class	Subclass	Translation		
													Yes	No	
BE		0	0	2	9	5	3	1	10/11/2001	US					
		0	7	7	7	3	9	4	06/04/1997	EP					
		0	7	8	8	2	8	7	08/06/1997	EP					
		0	7	9	3	3	8	7	09/03/1997	EP					
		0	8	3	8	9	3	4	04/29/1998	EP					
		0	9	2	1	4	5	5	08/15/1997	EP					
		9	7	2	6	7	0	9	07/24/1997	WO					
W		9	8	0	0	7	8	7	01/08/1998	WO					
		9	8	2	1	9	1	1	05/22/1998	WO					



RECEIVED
JAN 18 2002
Technology Center 2100

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant pages, Place of Publication***)

<i>bx</i>	"BlackBerry Technical White Paper," Research In Motion Ltd., Version 1.0, 1998-1999
<i>f</i>	Newsletter, "Battery Friendly Bulletin," Volume 1, Issue 3, pgs. 1-7 and unnumbered page, 1999
	Article, Comerford, "Handhelds Duke It Out for the Internet," Wireless Internet, pgs. 35-38 and 41, August 2000
	Press Detail, "Extended Systems and Motorola Bring Short-Range Wireless to the Paging E-volution," January 13, 2000 (3 pgs.)
	Press Detail, "3Com Corporation Licenses Bluetooth Technology from Extended Systems," February 22, 2000 (2 pgs.)
<i>v</i>	Web site Article, Hawaleshka, "The Web in Your Pocket," Maclean's, May 15, 2000 (3 pgs.)
	Claxton, "Messaging API's for Voice Networks," Telecommunications, pgs. 116-120, 1998

Examiner

Bradley Lehman

Date Considered

1/23/02

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

09345962



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	09/545,962
Filing Date	04/10/2000
First Named Inventor	Harry Major
Art Unit	2153
Examiner Name	Edelman
Attorney Docket Number	555255012125

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. 1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
		Number - Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant
B.E	US- 5588009	12-24-1996	Will		
	US-				

FOREIGN PATENT DOCUMENTS

Examiner
Signature

Budweiser

Date
Considered

6/17/02

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Examiner Bradley Edelman

Date Considered 6/17/02

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 (Modified)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

(37 CFR 1.98(b))

Atty Docket No.: 555255012125

Application No.: 09/545,962

Applicant: Major et al.

Filed: April 10, 2000

Group: 2153

U.S. PATENT DOCUMENTS

~~RECEIVED~~

MAR 05 2002

Technology Center 2100

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

OTHER DOCUMENTS (Including Author, Title, Date, Relevant pages, Place of Publication***)**

Examiner

Bradley Edelman

Date Considered

6/17/02

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 (Modified)
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

Atty Docket No.: 555255012125

Application No.: 09/545,962

Applicant: Major et al.

Filed: April 10, 2000

Group:

U.S. PATENT DOCUMENTS

Exam. Init.		Patent Number							Issue Date	Patentee	Class	Subclass	Filing Date
BE		4	1	0	6	0	6	0	08/08/1978	Chapman, Jr.			
		4	6	9	5	8	8	0	09/22/1987	Johnson et al.			
		4	6	9	7	2	8	1	09/29/1987	O'Sullivan			
		4	7	1	3	7	8	0	12/15/1987	Schultz et al.			
		4	8	3	7	7	9	8	06/06/1989	Cohen et al.			
		4	8	3	7	8	0	0	06/06/1989	Freeburg et al.			
		4	8	5	6	0	4	7	08/08/1989	Saunders			
		4	9	2	8	0	9	6	05/22/1990	Leonardo et al.			
		4	9	5	1	0	4	4	08/21/1990	Nelson et al.			
		4	9	8	0	9	0	7	12/25/1990	Raith et al.			
		5	0	0	8	9	2	6	04/16/1991	Misholi			
		5	0	4	3	7	2	1	08/27/1991	May			
		5	1	2	5	0	2	1	06/23/1992	Lebowitz			
		5	1	2	7	0	4	1	06/30/1992	O'Sullivan			
		5	1	3	6	2	9	1	08/04/1992	Teague			
		5	1	5	7	6	6	0	10/20/1992	Kuwahara et al.			
		5	1	7	7	6	8	0	01/05/1993	Tsukino et al.			
		5	2	6	5	0	3	3	11/23/1993	Vajk et al.			
		5	2	8	3	8	8	7	02/01/1994	Zachery			
		5	2	9	3	2	5	0	03/08/1994	Okumura et al.			
		5	1	8	1	2	0	0	01/19/1993	Harrison			
		5	2	9	9	2	5	5	03/29/1994	Iwaki et al.			
		5	3	1	5	6	3	5	05/24/1994	Kane et al.			
		5	3	3	3	1	5	2	07/26/1994	Wilber			
		5	3	3	3	2	6	6	07/26/1994	Boaz et al.			
		5	4	0	6	5	5	7	04/11/1995	Baudoin			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

Exam. Init.		Document Number	Publication Date of the Grant	Country or Patent Office	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant pages, Place of Publication***)

BE		Gifford, David K., et al., "The Application of Digital Broadcast Communication to Large Scale Information Systems." IEEE Journal on Selected Areas in Communications, vol. SAC-3, no. 3, pps. 457-467 (May 1985)
BE		Gifford, David K., et al., "An Architecture for Large Scale Information Systems," ACM, pps. 161-170 (1985)
Examiner	Bradley Edelman	Date Considered 6/17/02